

ABSTRACT OF THE DISCLOSURE

A switching device for controlling at least two motors has a single converter, wherein the at least two motors are connected to the converter by a power line and a feedback line, respectively. At least one logic module is connected to the converter and evaluates signals received from the converter to generate a control signal for controlling the motors. The converter has an interface for selecting one of the motors to be controlled, wherein the interface is connected by a signal line to the at least one logic module. The power lines and the feedback lines each have a switch. The at least one logic module is adapted to switch with the control signal at least two of the switches for switching the respective power line and the respective feedback line of the motor to be controlled.